



SCREEN

WIDE WIDTH

ECO SCREEN

ROLLER, ROMAN AND PANEL BLINDS

A PVC-free, flame retardant screen fabric available in 4 colourways.

Eco Screen is a wide width fabric and can be wiped clean.

Composition: 100% Polyester

Fabric Width: 3m (118")

Weight: 245g/m² (7.2oz/yd²)

Openess Factor: 3%



ECO SCREEN

SOLAR, OPTICAL AND COLOUR FASTNESS PROPERTIES

	SOLAR			OPTICAL			UV block	SC	CF	DIM out	G VALUE				G TOT
	T _s	R _s	A _s	T _o	R _o	A _o					SG	DG	TG	DG LE	
Grey	47	25	28	46	22	32	64	0.76	6+	1	0.63	0.59	0.47	0.50	0.55
Linen	56	34	10	57	33	10	60	0.67	6+	1	0.59	0.55	0.45	0.47	0.59
Raven	36	21	43	12	4	84	81	0.80	6+	2	0.64	0.60	0.48	0.51	0.47
White	61	37	2	63	37	0	57	0.64	6	1	0.58	0.54	0.44	0.46	0.61

T: % Transmittance
R: % Reflectance
A: % Absorption

UV Block: the % of UV light blocked by the fabric
SC: Shading Co-efficient
CF: Colour Fastness

Dim out:
1 = High light penetration
4 = Low light penetration
5 = Blackout

G Value: amount of heat transmitted through the glazing
SG: Single Glazed

DG: Double Glazed
TG: Triple Glazed
DG LE: Double Glazed Low Emissivity.

GTOT: The amount of heat transmitted through the combination of glass and solar shading.

SOLAR GAIN

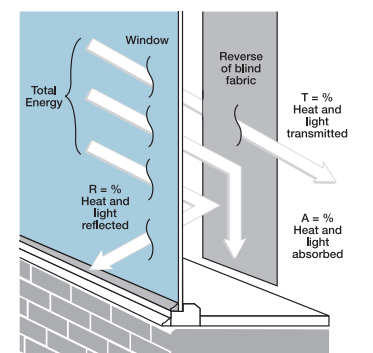
The amount of heat increase resulting from solar energy entering a room. It is the total of three separate parts - the amount of energy transmitted directly into the room, the energy which is absorbed by the blind and the proportion of energy which is absorbed by the window.

SHADING CO-EFFICIENT

The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, therefore, the higher the efficiency of the fabric. The test results in the table above have been achieved using a single 6mm glass glazing system.

GTOT

When the G-value (a measure of total solar energy that passes through the glazing system and the blind fabric) of the glazing is combined with the value of the shading.



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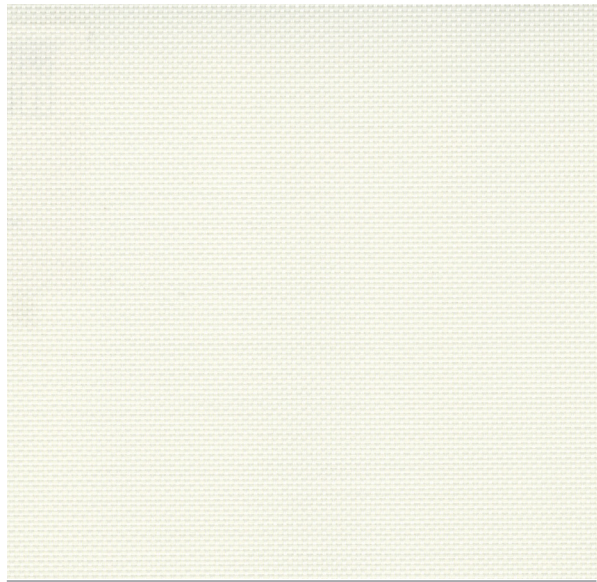


Manufactured
in the UK

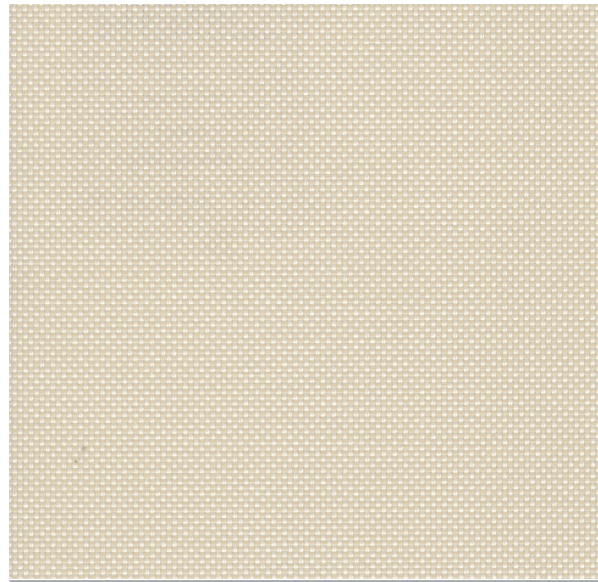
CI/SfB 1976 reference by SfB Agency

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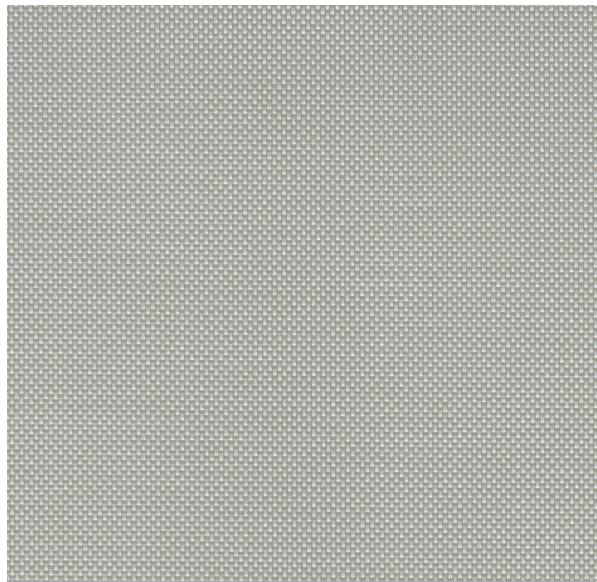
S060601-19-Ec 11.18



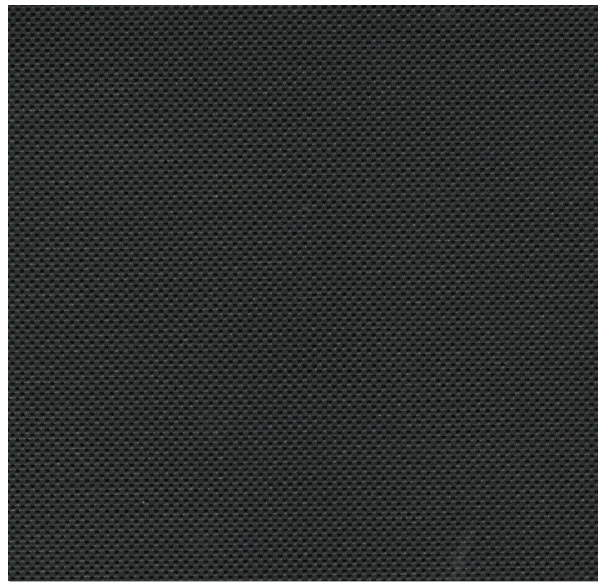
White



Linen



Grey



Raven

ECO SCREEN

Fabric Composition

100% polyester. Eco screen is PVC Free

Fabric Width

3.00m (118")

Openness

3%

Openness factors are for guidance only. For comprehensive performance data please see Louvolite for solar and optical figures.

Fabric Weight

245g/m² (7.2oz/yd²)

Flammability Standards

Eco Screen meets FR standard BS 5867 Part 2 Type B. Further information is available on request.

Colour Fastness

Tested in accordance with BS EN ISO 105-B01:1999

Cleaning

Eco Screen fabrics can be wiped clean. See manufacturers instructions. Tested in accordance with BS EN 26330:1994 method 7a.

Properties

